

Technical Soil Descriptions

Technical soil descriptions describe the characteristics or properties (physical and chemical) of the soil including the parent material in which it formed. A pedon, a small three-dimensional area of the soil, serves as the reference point for the technical or soil series description. The soil description compares the soil to similar and other nearby soils and also includes a range of important characteristics. The detailed description method follows standards outlined in the Soil Survey Manual and many of the technical terms used in the description are defined in Soil Taxonomy.

Counties with Published Soil Surveys

Technical soil descriptions are located in the county soil survey descriptive legend.

Counties without Published Soil Surveys

Technical soil descriptions can be found in adjacent county published soil survey descriptive legends or at our [Official Soil Series Description](#) web site.

This section includes:

- **(a) Classification of the soils**

Scotland County, Missouri
Classification of the Soils

(An asterisk in the first column indicates a taxadjunct to the series. See text for a description of those characteristics that are outside the range of the series.)

Soil name	Family or higher taxonomic class
*ALVIN-----	Coarse-loamy, mixed, mesic Typic Hapludalfs
ARBELA-----	Fine, montmorillonitic, mesic Argiaquic Argialbolls
ARMSTER-----	Fine, montmorillonitic, mesic Mollic Hapludalfs
BLACKOAR-----	Fine-silty, mixed, mesic Fluvaquentic Endoaquolls
CHARITON-----	Fine, montmorillonitic, mesic Vertic Albaqualfs
CHEQUEST-----	Fine, montmorillonitic, mesic Vertic Endoaquolls
COLO-----	Fine-silty, mixed, mesic Cumulic Endoaquolls
EDINA-----	Fine, montmorillonitic, mesic Vertic Argialbolls
FATIMA-----	Fine-silty, mixed, mesic Fluvaquentic Hapludolls
*GARA-----	Fine-loamy, mixed, mesic Mollic Hapludalfs
GIFFORD-----	Fine, montmorillonitic, mesic Vertic Epiaqualfs
GORIN-----	Fine, montmorillonitic, mesic Aquertic Chromic Hapludalfs
KILWINNING-----	Fine, montmorillonitic, mesic Vertic Epiaqualfs
LAMONI-----	Fine, montmorillonitic, mesic Aquertic Argiudolls
LINDLEY-----	Fine-loamy, mixed, mesic Typic Hapludalfs
MARION-----	Fine, smectitic, mesic Aquertic Chromic Hapludalfs
VIGAR-----	Fine-loamy, mixed, mesic Aquic Argiudolls
WABASH-----	Fine, montmorillonitic, mesic Cumulic Vertic Endoaquolls
WESTERVILLE-----	Fine-silty, mixed, acid, mesic Aeric Fluvaquents